

What is claimed is:

1. Apparatus for achieving weight loss in a patient, comprising:

an artificial stoma device sized and configured to be installed in a stomach of the patient;

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a gastrointestinal sleeve connected to the artificial stoma device, the gastrointestinal sleeve sized and configured to extend from the artificial stoma device through the stomach and into the intestines of the patient.

10 2. The apparatus of claim 1, wherein the artificial stoma device has a stoma orifice sized and configured to create a restriction to ingestion of food.

3. The apparatus of claim 1, wherein the artificial stoma device has an adjustable stoma orifice.

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4. The apparatus of claim 1, wherein the artificial stoma device has a self-adjusting stoma orifice.

20 5. The apparatus of claim 1, further comprising means for reversibly attaching the gastrointestinal sleeve to the artificial stoma device.

5. The apparatus of claim 1, further comprising a sutureless attachment mechanism for attaching the artificial stoma device within the stomach of the patient.

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